



COMMUNICATIONS  
SECTION

# 4/A  
4-18

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Beatty et al	Examiner:	Cohen, L.
Serial No.:	09/589,387	Group Art Unit:	3762
Filing Date:	June 7, 2000	Docket No.:	1927
Title	Method of Mapping Electrical Potential Distribution of a Heart Chamber		

Date of Deposit: 8/6/02

I hereby certify that this paper is being deposited in the United States Postal Service, as first class mail, in an envelope addressed to: Assistant Commissioner for Patents, Washington, DC 20231

Signature: [Signature]

Printed Name: Robert C. Beck

RESPONSE

Assistant Commissioner for Patents  
Washington, DC 20231

This is responsive to the outstanding Office Action mailed 11/06/01, and identified as paper number 2. Reconsideration and allowance of this application is respectfully solicited in view of the following amendments and remarks.

AMENDMENTS

Please amend the claims as shown in "redline" on the companion sheets to read as follows:

1. A method of mapping a volumetric electrical potential distribution of a heart chamber arising from electrical activation in a myocardium comprising the steps of:
  - a) positioning an electrode array within the heart chamber;
  - b) determining heart chamber volume and shape;
  - c) computing the position of said array within said heart chamber;
  - d) measuring electrical potentials on said array;

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